

ABSTRACT

A system in accordance with an embodiment of the invention provides Quality of Service (QoS) for Storage Access. Such QoS is partially enabled in one embodiment by the automatic pooling of storage devices and provisioning virtual targets from those pools. QoS is enforced in one embodiment by keeping the bandwidth for each connection within a specified range, and particularly, by controlling the number of allowed concurrent requests from an initiator. Load balancing is also provided in one embodiment, improving response times for requests, further easing the ability to provide QoS.

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